

FIG. 1

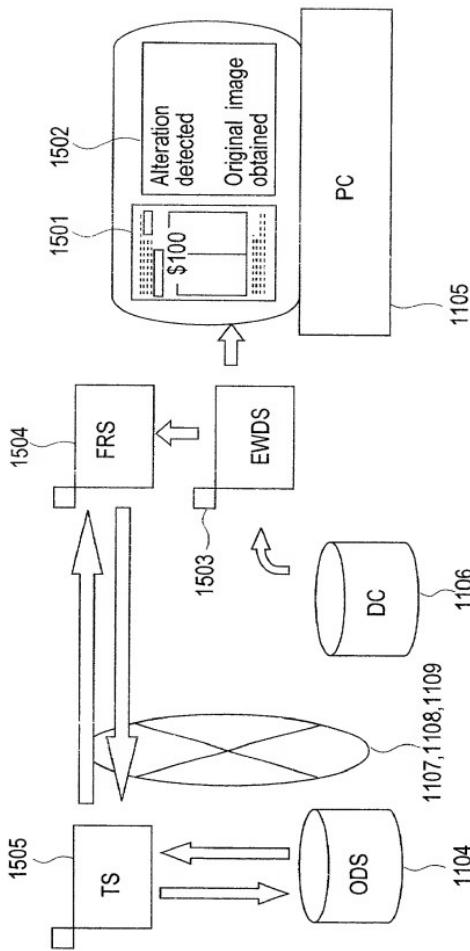


FIG.2

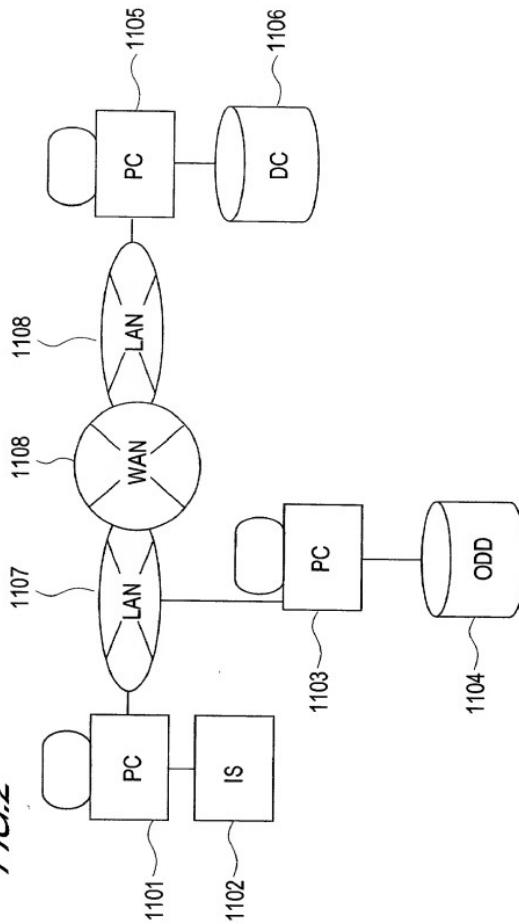


FIG.3

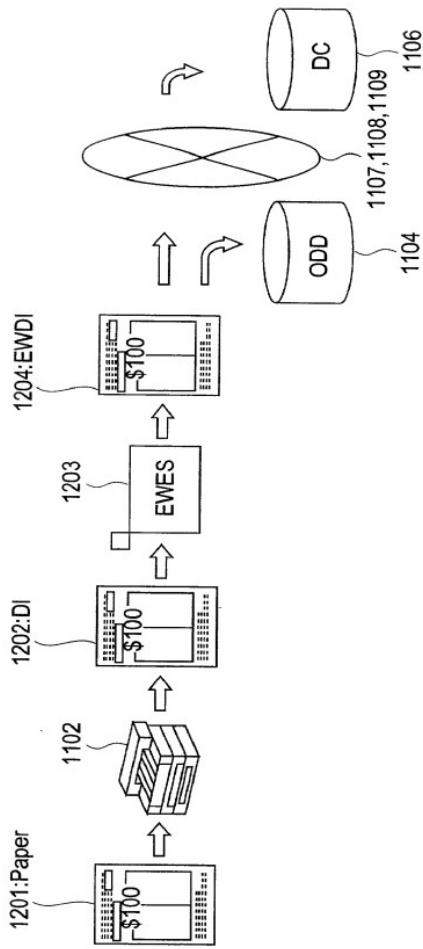


FIG. 4

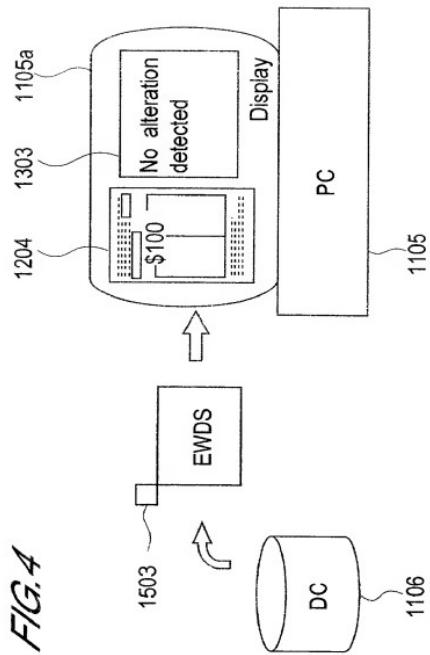


FIG. 5

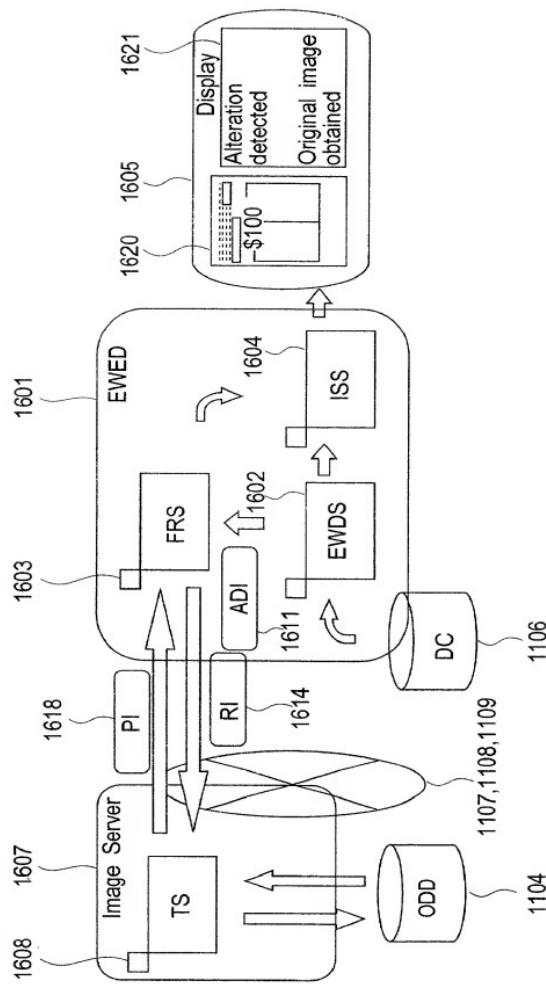


FIG. 6

1609

Date	January31,1999	1610
Authentication number	0123456789	
Name	YAMADA TARO	
	YAMADA TARO	
Gender	Male	
Date of Birth	January1, Showa35	
Address	Tokyo-to,Tokyo-shi,Tokyo-machi1-15	
	Tokyo-to,Tokyo-shi,Tokyo-machi1-15	
Telephone number	0123-45-6789	
Ailment	Cold	
Start of treatment	January10, Showa64	
Amount	10000Yen	
Remarks		

FIG. 7

1611	1612
File Name	<u>Image001.bmp</u>
Alteration Detection Block Number	(8,4)(9,4)(10,4)(11,4)

FIG. 8

File Name	Image001.bmp
Request Block Number	(8,4)(9,4)(10,4)(11,4)

FIG. 9

1609

Date	January31,1999
Authentication number	0123456789
Name	YAMADA TARO
	YAMADA TARO
Gender	Male
Date of Birth	January1,Showa35
Address	Tokyo-to,Tokyo-shi,Tokyo-machi1-15
	Tokyo-to,Tokyo-shi,Tokyo-machi1-15
Telephone number	0123-45-6789
Ailment	Cold
Start of treatment	January10,Showa64
Amount	10000Yen
Remarks	

FIG. 10

1609

Date	January31,1999	
Authentication number	0123456789	
Name	YAMADA TARO	
	YAMADA TARO	
Gender	Male	
Date of Birth	January1,Showa35	
Address	Tokyo-to,Tokyo-shi,Tokyo-machi1-15	
	Tokyo-to,Tokyo-shi,Tokyo-machi1-15	
Telephone number	0123-45-6789	
Ailment	Cold	
Start of treatment	January10,Showa64	
Amount	10000Yen	
Remarks		

FIG. 11

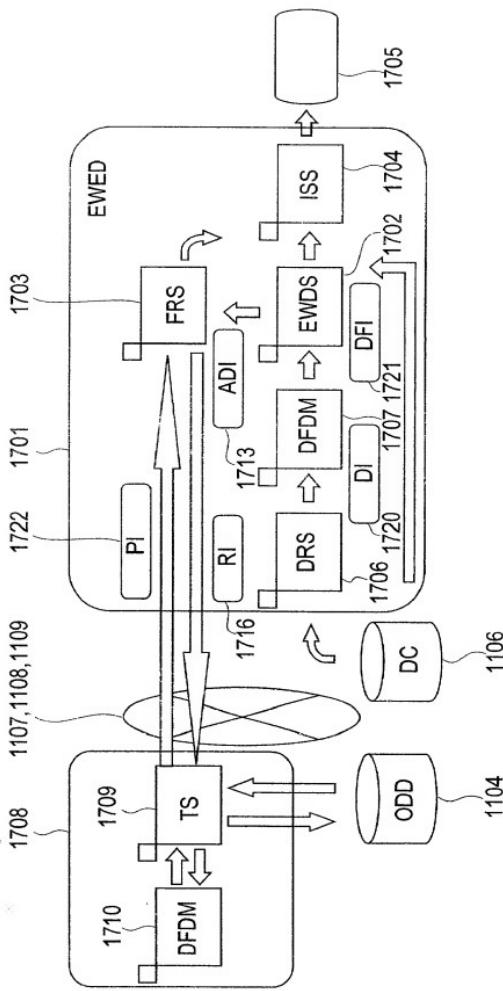


FIG. 12

Date		January31,1999	1711
Authentication number		0123456789	1712
Name	YAMADA TARO		1712
	YAMADA TARO		1712
Gender	Male		712
Date of Birth	January1,Showa35		1712
Address	Tokyo-to,Tokyo-shi,Tokyo-machi1-15		1712
	Tokyo-to,Tokyo-shi,Tokyo-machi1-15		1712
Telephone number	0123-45-6789		1712
Ailment		Cold	1712
Start of treatment	January10,Showa64		1712
Amount	10000Yen		1712
Remarks			
Remarks			

FIG. 13

Region 1	X ₁₁ ,Y ₁₁ ,X ₂₁ ,Y ₂₁
Region 2	X ₁₂ ,Y ₁₂ ,X ₂₂ ,Y ₂₂
⋮	⋮
⋮	⋮
Region n	X _{1n} ,Y _{1n} ,X _{2n} ,Y _{2n}

FIG. 14

1713

1714

1715

File Name	Image 001.bmp
Alteration Detection Text Region	Region2

1716

1717

1718

FIG. 15

1716

1717

1718

File Name	Image 001.bmp
Request Text Region Number	Region2

FIG. 16

Date	January31,1999
Authentication number	0123456789
Name	YAMADA TARO
	YAMADA TARO
Gender	Male
Date of Birth	January1,Showa35
Address	Tokyo-to,Tokyo-shi,Tokyo-machi1-15
	Tokyo-to,Tokyo-shi,Tokyo-machi1-15
Telephone number	0123-45-6789
Ailment	Cold
Start of treatment	January10,Showa64
Amount	10000Yen
Remarks	

FIG. 17

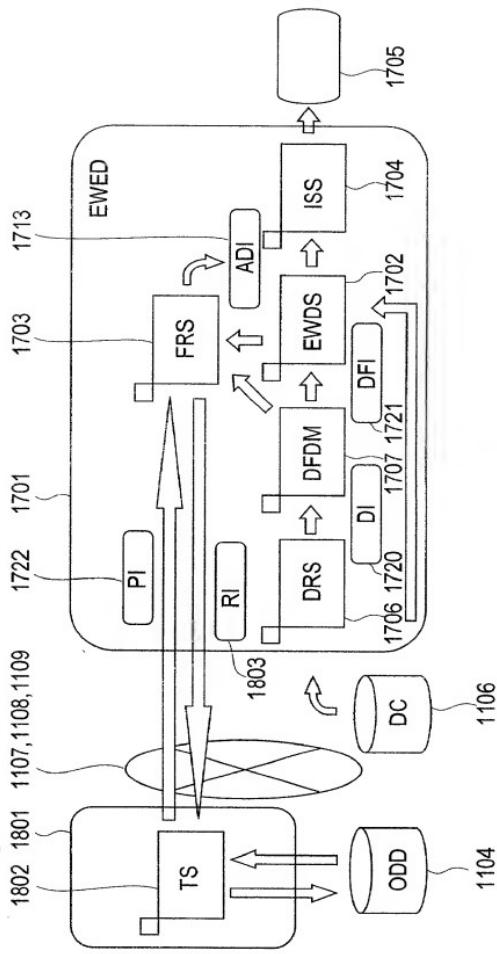


FIG. 18

	1803		1804
File Name		Image 001.bmp	
Request Text Region Number	X ₁₂ ,Y ₁₂ ,X ₂₂ ,Y ₂₂		1805

FIG. 19

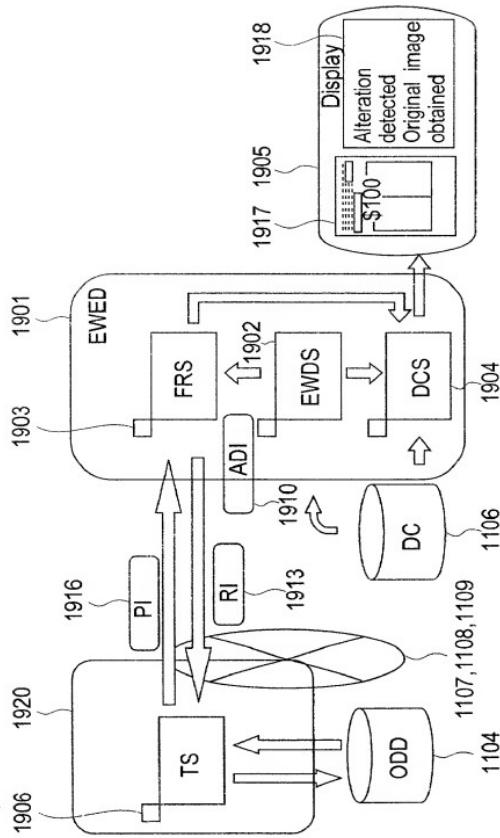


FIG.20

Date	January31,1999	1907
Authentication number	0123456789	1907
Name	YAMADA TARO	1907
Gender	Male	1907
Date of Birth	January1,Showa35	1907
Address	Tokyo-to, Tokyo-shi, Tokyo-machi1-15	1907
Telephone number	0123456789	1907
Ailment	Cold	1907
Start of treatment	January10,Showa64	1907
Amount	10000Yen	1907
Remarks		

FIG.21

1909



```
<?xml version="1.0" encoding="Shift_JIS"?>
<Pages>
  <Page><Background>¥ Image ¥ Image113</Background>
    <Regions>
      <Regions X="X11" Y="Y11" Width="X12 Height="Y12"> ¥ Image ¥ Image101</Region>
      <Regions X="X21" Y="Y21" Width="X22 Height="Y22"> ¥ Image ¥ Image102</Region>
      <Regions X="X31" Y="Y31" Width="X32 Height="Y32"> ¥ Image ¥ Image103</Region>
    </Regions>
    <Region X="X121" Y="Y121" Width="X122 Height="Y122"> ¥ Image ¥ Image112</Region>
  </Page>
</Pages>
```

FIG.22

File Name	Image1.xml	
Alteration Detection	Image	Image Information

File Name	Image1.xml	
Request	Image	Region Number

FIG.23

File Name	Image1.xml	
Alteration Detection	Image	Image Information

FIG. 24

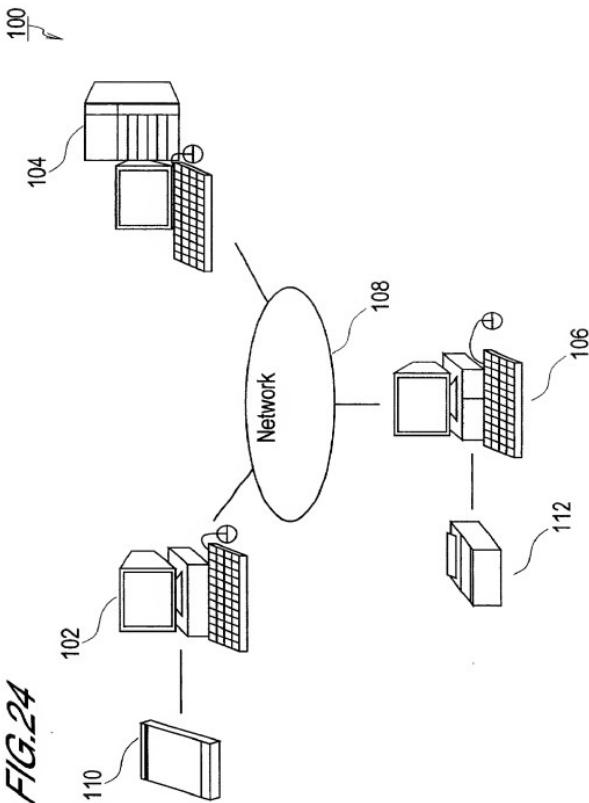


FIG.25

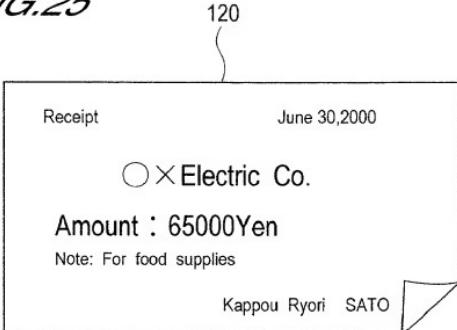


FIG.26

```
<Data>
  <Keyword>
    <Category>Receipt</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  </Keyword>
  <Image ref="#Image/Image.jpg"/>
</Data>
```

FIG.27

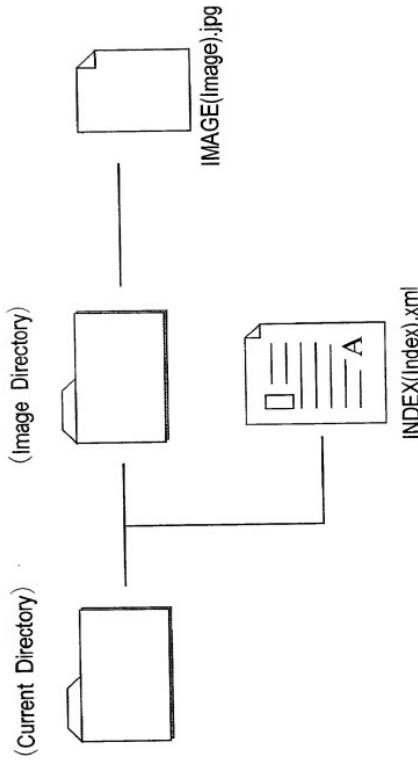


FIG.28

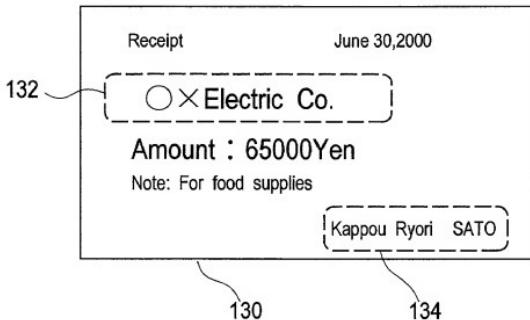


FIG.29

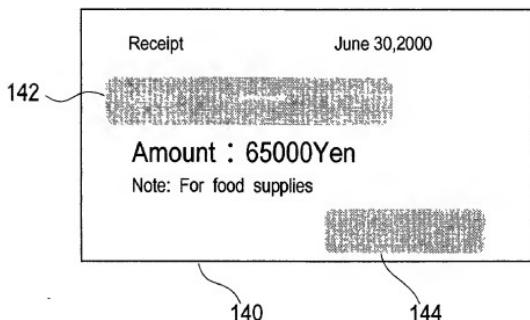
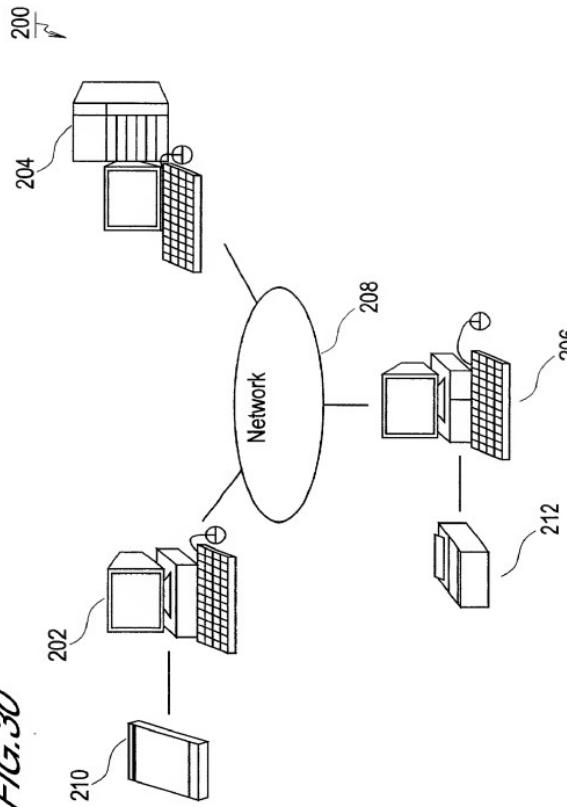


FIG.30



200:Document Management System

FIG.31

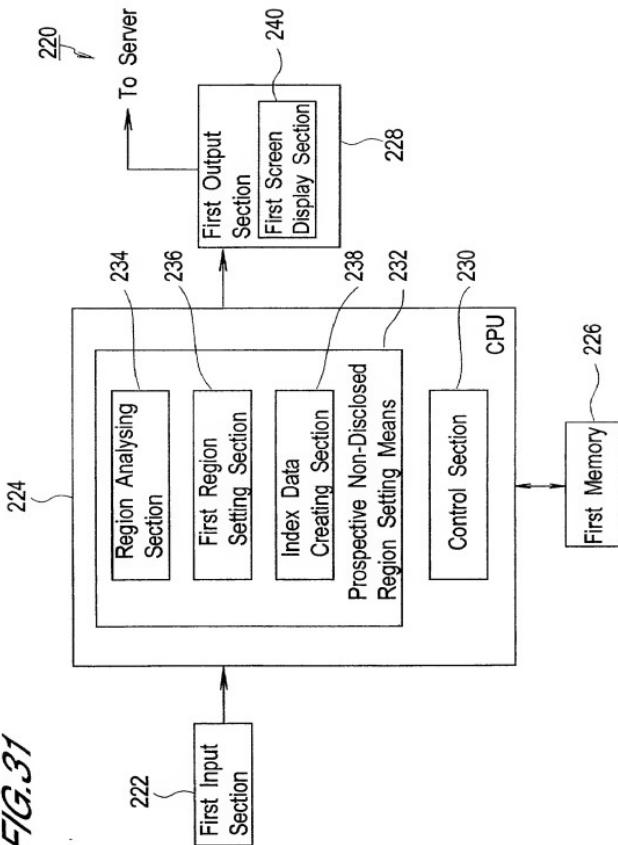


FIG.32

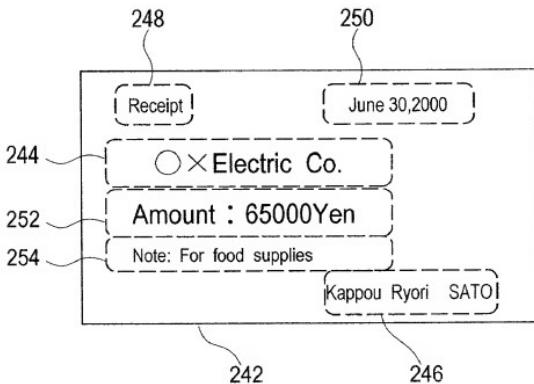


FIG.33

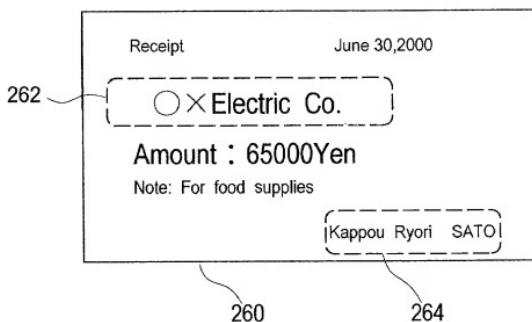


FIG. 34

```
<Data>
  <Keyword>
    <Category>Receipt</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  <Keyword>
    <Image ref="#Image/image.jpg">
      <Regions>
        <Region no="1" x="10" y="30" width="150" height="15">
          <Region no="2" x="100" y="100" width="80" height="15"/>
        <Regions>
      </Image>
    </Data>
```

274

270

272

FIG. 35

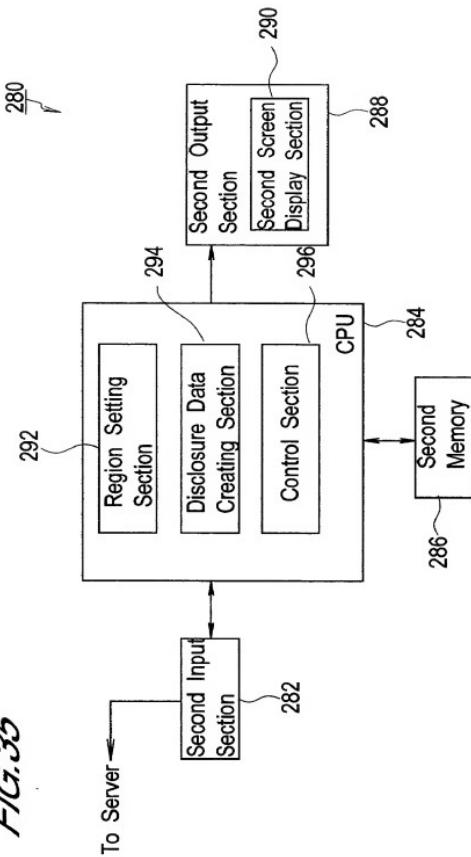


FIG. 36

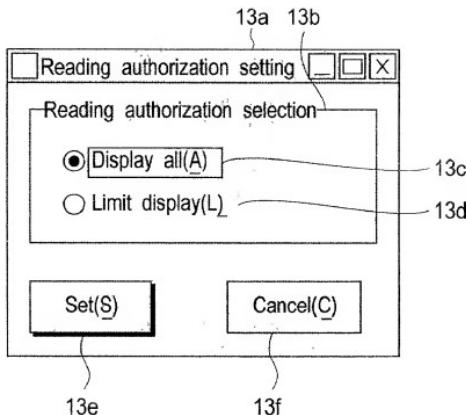


FIG.37

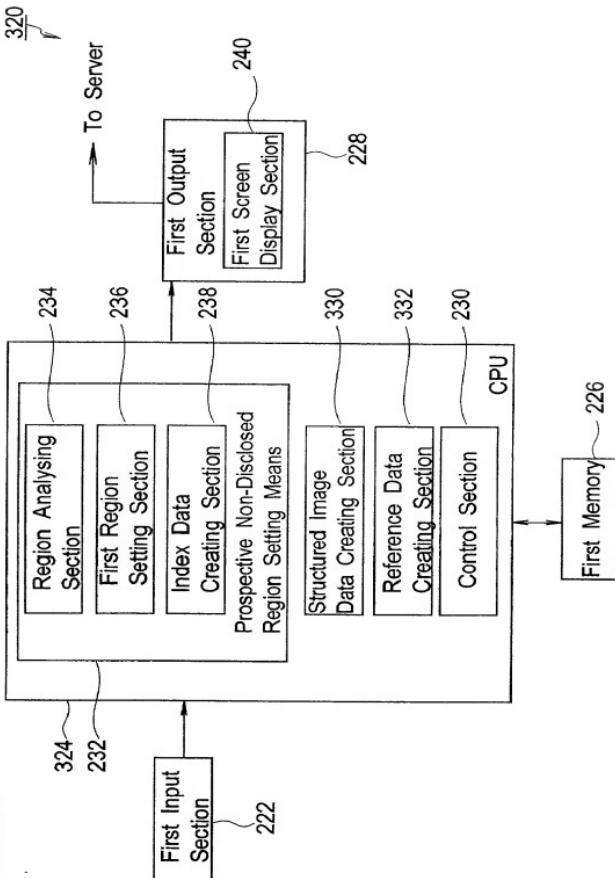


FIG. 38

```
<Data>
  <Keyword>
    <Category>Receipt</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  </Keyword>
  <Image ref="#image/image.jpg">
    <Regions>
      <Region no="1" x="10" y="30" width="150" height="150" ref="image/region 1.jpg"/>
      <Region no="2" x="100" y="100" width="80" height="80" ref="image/region 2.jpg"/>
    <Regions>
  </Image>
</Data>
```

272

274

334

336

FIG.39

Receipt June 30,2000

Amount : 65000Yen
Note:For food supplies

[Redacted]

[Redacted]

342

○×Electric Co.

Kappou Ryori SATO

340

344

FIG. 40

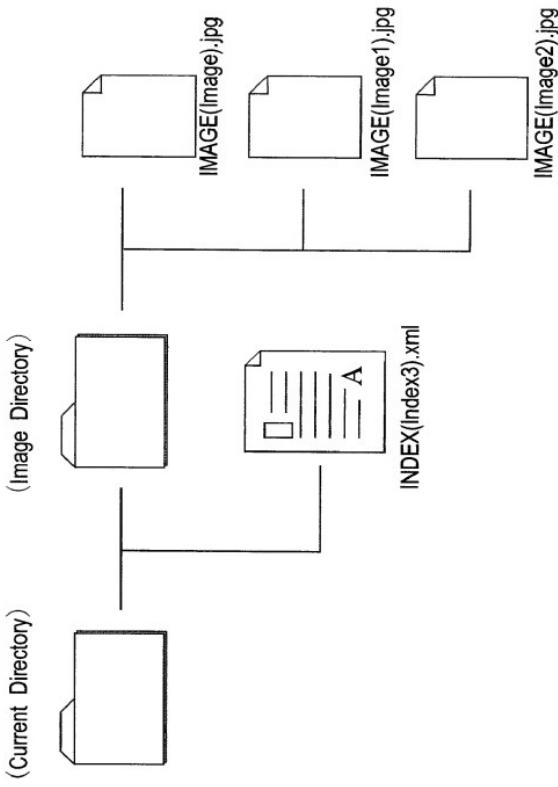


FIG.41

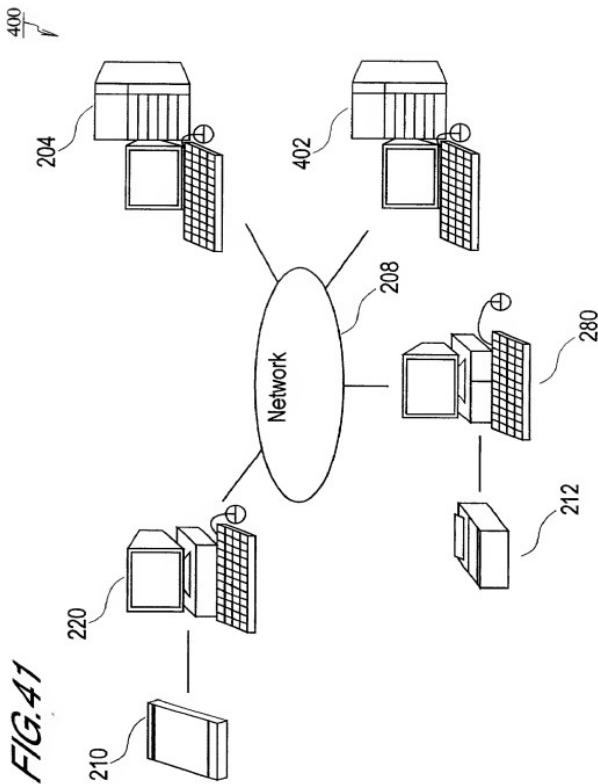


FIG. 42

```
<LEVEL__DATA>
  <Group Level="1" View="Display all">
    <List>Addressee</List>
    <List>Amount</List>
    <List>Date</List>
    <List>Title</List>
    <List>Proviso</List>
    <List>Issuing party</List>
  </Group>
  <Group Level="2" View="Display part">
    <List>Amount</List>
    <List>Date</List>
    <List>Title</List>
    <List>Proviso</List>
  </Group>
  <Group Level="3" View="Minimize display">
    <List>Title</List>
    <List>Proviso</List>
  </Group>
<LEVEL__DATA>
```

FIG. 43

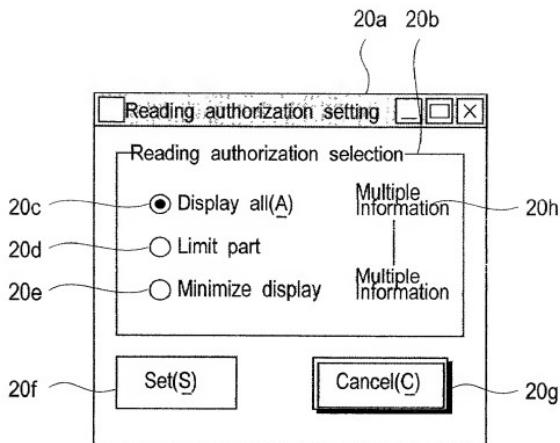


FIG.44

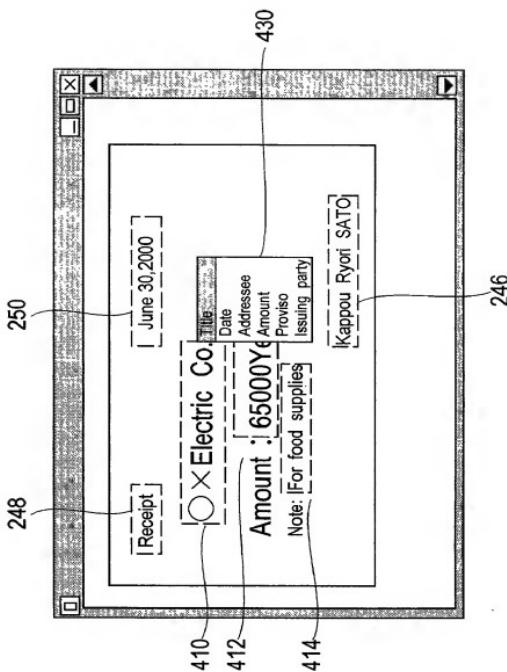


FIG. 45

```
<Data>
  <Keyword>
    <Category>Receipt</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  <Keyword>
    <Image ref="#ImageImageJpg">
  <Regions>
    <Region no="1" x="120" y="120" width="120" height="160" name="Addressee"/>
    <Region no="2" x="300" y="300" width="300" height="160" name="Issuing part"/>
    <Region no="3" x="85" y="85" width="50" height="30" name="Title"/>
    <Region no="4" x="265" y="60" width="200" height="30" name="Date"/>
    <Region no="5" x="200" y="200" width="140" height="40" name="Amount"/>
    <Region no="6" x="160" y="160" width="240" height="150" name="Proviso"/>
  <Regions>
    </Image>
  </Data>
```

420

422

424

FIG. 46

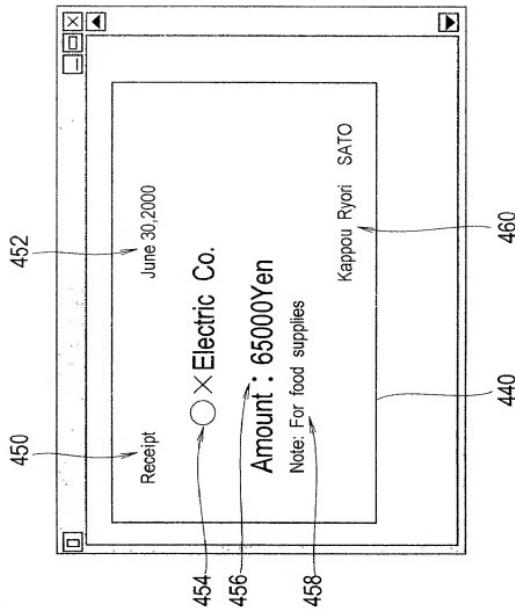


FIG. 47

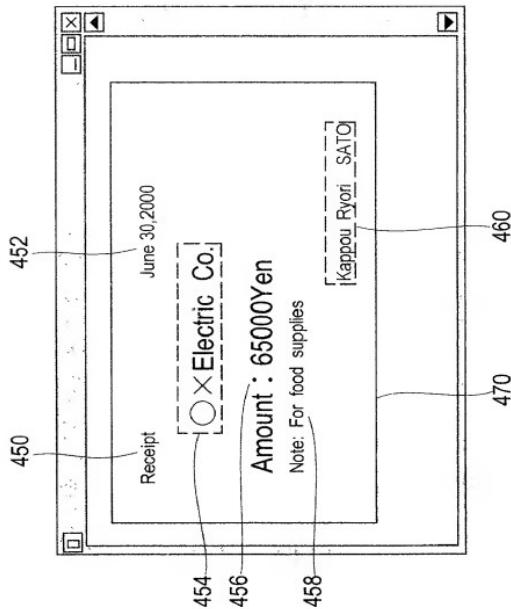
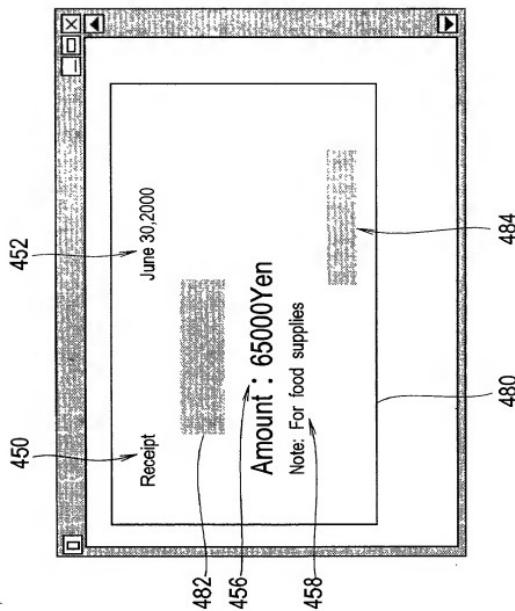


FIG.48



F/G. 49

```
<Data>
  <Keyword>
    <Category>Receipts</Category>
    <Date>20000630</Date>
    <Madeby>YAMADA TARO</Madeby>
  </Keyword>
  <Image ref="#Image[Image.jpg]">
    <Regions>
      <Region no="1" x="120" y="120" width="120" height="120" ref="image/region1.jpg" name="Addressee"/>
      <Region no="2" x="300" y="300" width="300" height="300" ref="image/region2.jpg" name="Issuing party"/>
      <Region no="3" x="85" y="85" width="50" height="50" ref="image/region3.jpg" name="Title"/>
      <Region no="4" x="255" y="255" width="60" height="60" ref="image/region4.jpg" name="Date"/>
      <Region no="5" x="200" y="200" width="200" height="200" ref="image/region5.jpg" name="Amount"/>
      <Region no="6" x="160" y="160" width="240" height="150" ref="image/region6.jpg" name="Proviso"/>
    </Regions>
  </Image>
</Data>
```

420

422

490

424

FIG. 50

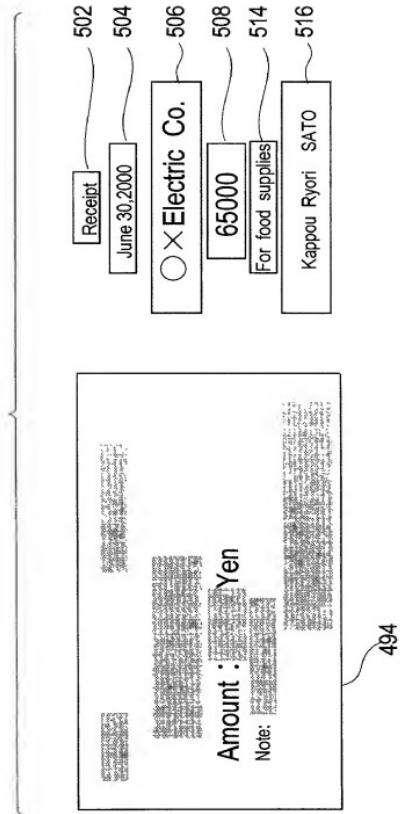


FIG.51

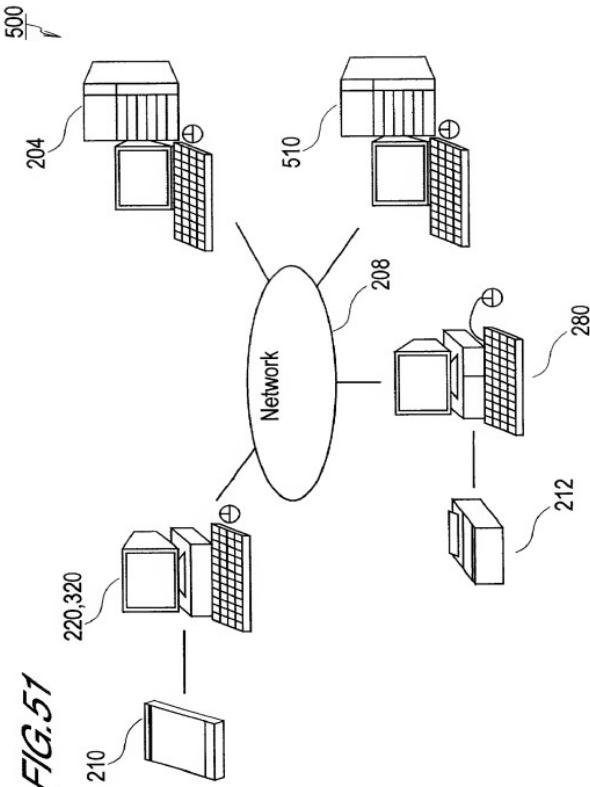


FIG.52

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520(280)

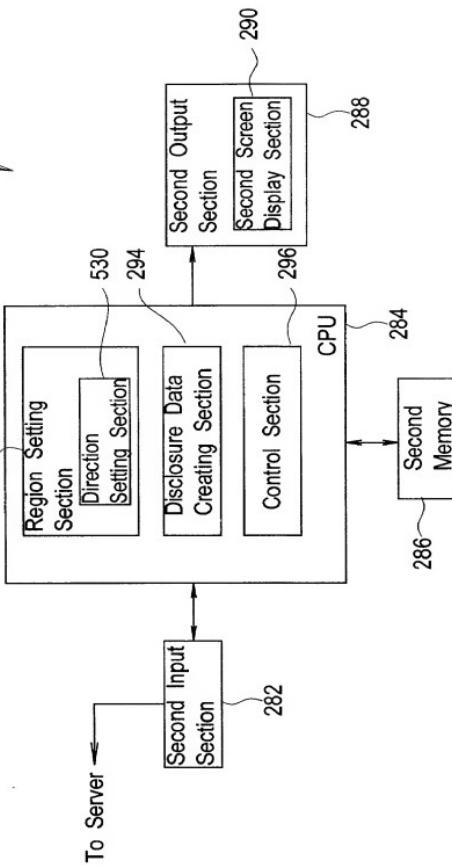


FIG.53(A)

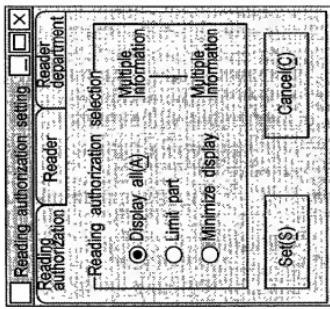


FIG.53(B)

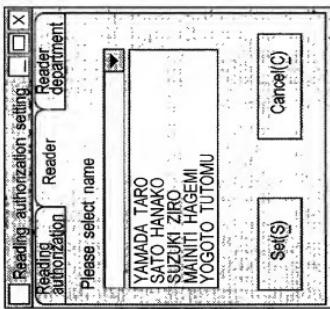


FIG.53(C)

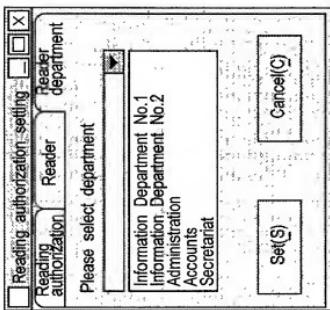


FIG.54

```
<VIEW__LINK>
<Persons>
  <Person Level="3">YAMADA TARO</Person>
  <Person Level="3">SATO HANAKO</Person>
  <Person Level="1">SUZUKI ZIRO</Person>
  <Person Level="1">MAINITI HAGEMI</Person>
  <Person Level="2">YOGOTO TUTOMU</Person>
</Persons>
<Group>
  <Sections Level="3">Information Department No.1</Sections>
  <Sections Level="3">Information Department No.2</Sections>
  <Sections Level="2">Administration</Sections>
  <Sections Level="1">Accounts</Sections>
  <Sections Level="1">Secretariat</Sections>
</Group>
<VIEW__LINK>
```

FIG.55

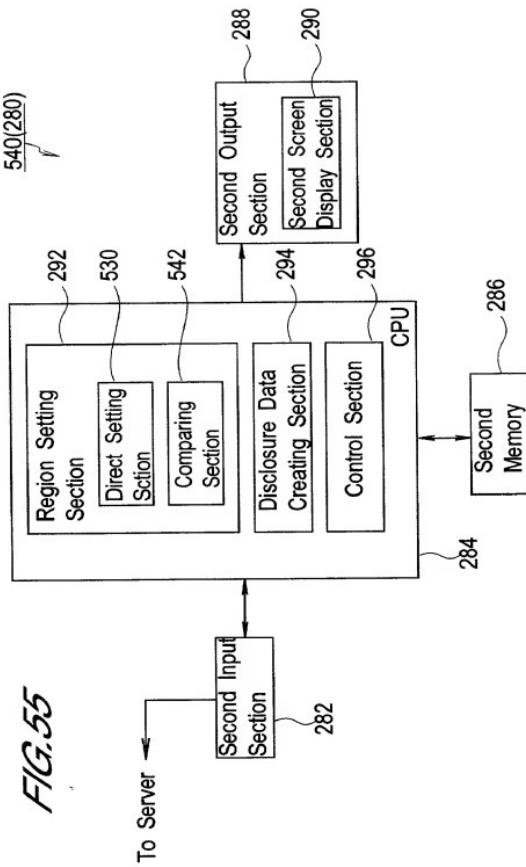


FIG.56

```
<VIEW_LINK>
<Persons>
  <Person Level="3" Password="123456">YAMADA TARO</Person>
  <Person Level="3" Password="abcdef">SATO HANAKO</Person>
  <Person Level="1" Password="0a1b2c">SUZUKI ZIRO</Person>
  <Person Level="1" Password="tgbnhyuim">MAINITI HAGEMI</Person>
  <Person Level="2" Password="aaaaaa">YOGOTO TUTOMU</Person>
</Persons>
<Group>
  <Sections Level="3" Password="111111">Information Department No.1</Sections>
  <Sections Level="3" Password="987654">Information Department No.2</Sections>
  <Sections Level="2" Password="qazwsx">Administration</Sections>
  <Sections Level="1" Password="alb#fd$">Accounts</Sections>
  <Sections Level="1" Password="zzzzzzz">Secretariat</Sections>
</Group>
</VIEW_LINK>
```

FIG.57

